

Custom Compounding of Purchased Resin: 2002

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2002 Economic Census

Manufacturing

Industry Series



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Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
325991, Custom compounding of purchased resins	2002..	482	579	20 829	874 294	13 603	27 620	467 614	3 022 927	4 201 582	7 148 407	'422 666
	2001..	N	N	25 844	1 017 963	17 964	36 734	552 167	2 783 510	4 529 320	7 328 249	396 423
	2000..	N	N	27 976	1 053 201	19 466	39 288	582 726	3 161 229	4 972 034	8 114 916	332 765
	1999..	N	N	26 960	990 222	18 658	37 436	532 585	3 384 653	4 483 666	7 850 884	327 281
	1998..	N	N	27 415	986 948	17 989	37 343	530 746	3 332 625	4 791 555	8 096 686	237 783
	1997..	728	829	27 664	969 961	18 130	36 014	508 084	3 092 396	4 871 853	7 960 246	298 243

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325991, Custom compounding of purchased resins												
United States	1	579	263	20 829	874 294	13 603	27 620	467 614	3 022 927	4 201 582	7 148 407	1'422 666
California	3	53	17	1 115	45 616	726	1 472	23 679	116 836	166 527	284 129	'9 253
Georgia	2	14	8	990	43 313	752	1 664	29 017	127 284	244 305	369 057	'11 670
Illinois	—	31	12	799	35 339	467	1 012	15 369	100 956	104 036	204 602	'9 116
Indiana	1	25	16	1 538	62 587	994	1 557	29 581	247 321	321 324	573 629	'6 325
Massachusetts	2	24	13	928	42 995	518	1 107	18 915	93 072	170 136	263 964	'4 875
Michigan	1	31	19	1 386	57 811	894	1 856	29 000	185 988	334 798	521 397	'24 770
Missouri	—	7	4	231	9 547	143	302	5 261	29 217	55 788	85 685	'3 502
New Jersey	—	27	14	929	38 756	649	1 296	22 876	86 640	148 960	234 332	'5 792
North Carolina	—	16	6	395	17 585	184	385	5 600	66 522	60 985	128 112	'3 285
Ohio	—	48	31	2 263	82 300	1 510	2 915	44 161	276 392	408 408	677 150	'20 170
Pennsylvania	3	35	19	1 112	46 717	755	1 543	25 362	179 368	293 768	469 756	'12 163
Tennessee	2	23	14	1 327	51 989	936	1 947	32 824	148 150	334 450	482 254	'26 371
Texas	2	51	23	1 490	64 034	1 102	2 229	42 118	197 178	311 784	508 979	'12 675
Virginia	2	8	4	332	12 079	218	471	6 746	27 519	7 237	34 469	'11 507
Wisconsin	1	21	9	353	13 340	233	478	5 133	46 008	44 176	89 588	'2 649

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
325991, Custom compounding of purchased resins	
Companies ¹	number.. 482
All establishments ²	number.. 579
Establishments with 1 to 19 employees	number.. 316
Establishments with 20 to 99 employees	number.. 213
Establishments with 100 employees or more	number.. 50
All employees ³	number.. 20 829
Total compensation	\$1,000.. 1 103 264
Annual payroll	\$1,000.. 874 294
Total fringe benefits	\$1,000.. 228 970
Production workers, average for year	number.. 13 603
Production workers on March 12	number.. 13 512
Production workers on May 12	number.. 13 654
Production workers on August 12	number.. 13 679
Production workers on November 12	number.. 13 538
Production worker hours	1,000.. 27 620
Production worker wages	\$1,000.. 467 614
Total cost of materials	\$1,000.. 4 201 582
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 836 674
Resales	\$1,000.. 207 327
Purchased fuels	\$1,000.. 26 131
Purchased electricity	\$1,000.. 114 792
Contract work	\$1,000.. 16 658
Quantity of electricity purchased for heat and power	1,000 kWh.. 2 005 737
Quantity of electricity generated less sold for heat and power	1,000 kWh.. S
Total value of shipments	\$1,000.. 7 148 407
Primary products value of shipments	\$1,000.. 6 426 900
Secondary products value of shipments	\$1,000.. 337 107
Total miscellaneous receipts	\$1,000.. 384 400
Value of resales	\$1,000.. 283 349
Contract receipts	\$1,000.. 83 305
Other miscellaneous receipts	\$1,000.. 17 746
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 6 801 665
Value of primary products shipments made in this industry	\$1,000.. 6 426 900
Value of primary products shipments made in other industries	\$1,000.. 374 765
Coverage ratio	percent.. 94
Value added	\$1,000.. 3 022 927
Total inventories, beginning of year	\$1,000.. 739 988
Finished goods inventories	\$1,000.. 355 756
Work-in-process inventories	\$1,000.. 59 535
Materials and supplies inventories	\$1,000.. 324 697
Total inventories, end of year	\$1,000.. 843 941
Finished goods inventories	\$1,000.. 431 151
Work-in-process inventories	\$1,000.. 60 242
Materials and supplies inventories	\$1,000.. 352 548
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '3 471 004
Total capital expenditures (new and used)	\$1,000.. '422 666
Buildings and other structures (new and used)	\$1,000.. '68 532
Machinery and equipment (new and used)	\$1,000.. '354 134
Automobiles, trucks, etc., for highway use	\$1,000.. '4 946
Computers and peripheral data processing equipment	\$1,000.. '24 966
All other expenditures for machinery and equipment	\$1,000.. '324 222
Total retirements	\$1,000.. '77 256
Gross value of depreciable assets at end of year	\$1,000.. '3 816 414
Depreciation charges during year	\$1,000.. '238 800
Total rental payments	\$1,000.. 81 470
Buildings and other structures	\$1,000.. 39 915
Machinery and equipment	\$1,000.. 41 555
Total other expenses ⁴	\$1,000.. 506 530
Response coverage ratio ⁵	percent.. 85
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 66 706
Communications services ⁴	\$1,000.. 13 900
Legal services ⁴	\$1,000.. 13 131
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 5 392
Advertising and promotional services ⁴	\$1,000.. 8 380
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 6 411
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 16 442
Management consulting and administrative services ⁴	\$1,000.. 11 254
Taxes and license fees ⁴	\$1,000.. 31 749
All other expenses ⁴	\$1,000.. 336 438

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325991, Custom compounding of purchased resins											
All establishments	1	579	20 829	874 294	13 603	27 620	467 614	3 022 927	4 201 582	7 148 407	'422 666
Establishments with—											
1 to 4 employees	9	191	e	D	D	D	D	D	D	D	D
5 to 9 employees	5	61	419	16 303	278	567	9 138	47 912	59 315	106 760	'7 950
10 to 19 employees	3	64	939	36 580	603	1 205	18 862	107 700	129 218	237 075	'12 002
20 to 49 employees	1	130	4 138	165 255	2 691	5 448	81 069	595 153	849 493	1 438 480	'32 199
50 to 99 employees	1	83	5 753	238 525	3 722	7 813	127 867	727 222	1 201 659	1 919 535	'79 990
100 to 249 employees	1	39	5 248	220 307	3 503	7 030	125 132	924 518	1 339 672	2 196 357	'245 788
250 to 499 employees	2	9	2 775	118 087	1 895	3 590	63 862	285 908	410 683	696 352	'18 535
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	175	383	14 758	265	493	8 472	40 933	66 213	107 146	'18 037

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
325991	Custom compounding of purchased resins	579	20 829	874 294	13 603	27 620	467 614	3 022 927	4 201 582	7 148 407	'422 666
3259911	Custom compounding of purchased resins and color concentrates	261	16 890	726 690	10 887	22 135	384 147	2 468 333	3 558 572	6 029 876	'171 566
3259912	Resins in the form of pellets from spent or post consumer plastics ...	35	1 855	64 727	1 295	2 617	38 159	350 428	356 595	629 064	'219 937

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325991	Custom compounding of purchased resins	2002.. N	X	X	6 801 665
	1997.. N		X	X	7 338 126
3259911	Custom compounding of purchased resins and color concentrates	2002.. N	X	X	5 895 988
	1997.. N		X	X	5 773 884
32599111	Custom compounding of purchased resins	2002.. N	X	X	4 598 548
	1997.. N		X	X	4 446 253
3259911115	Custom compounding of purchased resins	2002.. 162	X	X	4 598 548
	1997.. 212		X	X	4 446 253
32599112	Plastics color concentrates	2002.. N	X	X	1 265 024
	1997.. N		X	X	1 327 631
3259911221	Plastics color concentrates	2002.. 66	X	X	1 265 024
	1997.. 57		X	X	1 327 631
3259911Y	Custom compounding of purchased resins and color concentrates, nsk	2002.. N	X	X	32 416
	1997.. N		X	X	—
3259911YWV	Custom compounding of purchased resins and color concentrates, nsk	2002.. N	X	X	32 416
	1997.. N		X	X	—
3259912	Resins in the form of pellets from spent or post consumer plastics	2002.. N	X	X	464 333
	1997.. N		X	X	501 958
32599121	Resins in the form of pellets from spent or post consumer plastics	2002.. N	X	X	464 333
	1997.. N		X	X	501 958
3259912100	Resins in the form of pellets from spent or post consumer plastics	2002.. 47	X	X	464 333
	1997.. 39		X	X	501 958
325991W	Custom compounding of purchased resins, nsk, total	2002.. N	X	X	441 344
	1997.. N		X	X	1 062 284
325991WY	Custom compounding of purchased resins, nsk, total	2002.. N	X	X	441 344
	1997.. N		X	X	1 062 284
325991WYWW	Custom compounding of purchased resins, nsk, for nonadministrative-record establishments	2002.. N	X	X	340 115
	1997.. N		X	X	640 205
325991WYWY	Custom compounding of purchased resins, nsk, for administrative-record establishments	2002.. N	X	X	101 229
	1997.. N		X	X	422 079

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3259911	Custom compounding of purchased resins and color concentrates	
	United States	2002 .. 5 895 988
		1997 .. 5 773 884
	California	2002 .. 186 721
		1997 .. 263 436
	Georgia	2002 .. 352 468
		1997 .. 328 882
	Illinois	2002 .. 173 599
		1997 .. 94 882
	Indiana	2002 .. 519 020
		1997 .. 476 403
	Massachusetts	2002 .. 203 997
		1997 .. 299 624
	Michigan	2002 .. 522 901
		1997 .. 247 041
	Missouri	2002 .. 78 865
		1997 .. 50 911
	New Jersey	2002 .. 249 240
		1997 .. 452 245
	North Carolina	2002 .. 112 041
		1997 .. 102 441
	Ohio	2002 .. 605 412
		1997 .. 854 550
	Pennsylvania	2002 .. 412 083
		1997 .. 300 593
	Tennessee	2002 .. 450 476
		1997 .. 430 838
	Texas	2002 .. 393 267
		1997 .. 518 458
	Wisconsin	2002 .. 54 878
		1997 .. 84 456
3259912	Resins in the form of pellets from spent or post consumer plastics	
	United States	2002 .. 464 333
		1997 .. 501 958
	California	2002 .. 23 259
		1997 .. 25 452
	Indiana	2002 .. 12 956
		1997 .. N
	Michigan	2002 .. 30 026
		1997 .. N
	Ohio	2002 .. 53 515
		1997 .. 36 460

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325991	Custom compounding of purchased resins		
00900001	Total materials .....2002..	X	3 836 674
	.....1997..	X	4 467 350
325000A4	Industrial inorganic chemicals (excluding inorganic pigments, plastics resins, industrial and synthetic organic chemicals, synthetic dyes, pigments, and all other chemicals and allied products) .....2002..	X	235 184
	.....1997..	X	N
32513106	Inorganic pigments .....2002..	X	210 971
	.....1997..	X	N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	1 386 517
	.....1997..	X	1 803 788
325100A1	Industrial organic and synthetic organic chemicals, including plasticizers (excluding synthetic dyes, pigments, and toners) .....2002..	X	247 692
	.....1997..	X	294 203
32513200	Synthetic dyes, pigments, lakes, and toners .....2002..	X	76 046
	.....1997..	X	124 148
32500043	All other chemicals and allied products (excluding industrial inorganic chemicals, inorganic pigments, plastics resins, industrial and synthetic organic chemicals, etc.) .....2002..	X	177 275
	.....1997..	X	266 405
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	15 176
	.....1997..	X	40 499
32599100	Custom compounded plastics resins (purchased) .....2002..	X	279 801
	.....1997..	X	210 524
32721209	Textile-type glass fiber .....2002..	X	39 351
	.....1997..	X	37 131
00999803	Spent or post-consumer plastics (purchased) .....2002..	X	150 272
	.....1997..	X	98 868
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	65 546
	.....1997..	X	49 472
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	511 056
	.....1997..	X	N
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	441 787
	.....1997..	X	664 052

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.